

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for digitally printing on an article comprising:

- (a) applying a fluid glazing material to an article creating a coated surface on the article;
- (b) jetting a chromophore-containing fluid onto the coated surface; and
- (c) firing the article after the jetting step.

A1 Cont

2. (Original) A method as in claim 1 wherein the fluid glazing material contains an underprinting agent. *✓*

3. (Original) A method as in claim 1 further comprising the step of jetting a fluid primer containing an underprinting agent onto the coated surface, such that the fluid primer contacts the chromophore-containing fluid. *✓*

4. (Original) A method as in claim 1 wherein the article is a ceramic. *✓*

5. (Original) A method as in claim 1 wherein the chromophore-containing fluid comprises a transition metal salt. *✓*

6. (Original) A method as in claim 5 wherein the transition metal salt is selected from the group consisting of nitrates, chlorides, acetates, chromates, citrates, sulfates, and combinations thereof. *✓*

7. (Original) A method as in claim 5 wherein the metal ion provided by the transition metal sulfate salt is selected from the group consisting of cobalt, iron, chromium, copper, manganese, nickel, uranium, lead, gold, molybdenum, silver, tin, vanadium, cesium, neodymium, and combinations thereof.

8. (Currently Amended) A method as in claim 1 wherein an additional coating selected from the group consisting of a glaze, an adhesive, a colorant, and a reflective material is applied prior to firing.

9. (Currently Amended) A method for digitally printing on a ceramic article comprising:

- (a) applying a fluid glazing material to an article creating a coated surface;
- (b) jetting a chromophore-containing fluid onto a transfer medium;
- (c) adhering the transfer medium to the coated surface; and
- (d) subsequently firing the article having the transfer medium adhered thereto.

10. (Original) A method as in claim 9 wherein the fluid glazing material contains an underprinting agent.

11. (Original) A method as in claim 9 further comprising the step of jetting a fluid primer containing an underprinting agent onto the coated surface.

12. (Original) A method as in claim 9 wherein the article is a ceramic article.

13. (Original) A method as in claim 9 wherein the chromophore-containing fluid comprises a transition metal salt.

14. (Original) A method as in claim 13 wherein the transition metal salt is selected from the group consisting of nitrates, chlorides, acetates, chromates, citrates, sulfates, and combinations thereof.

*All
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15. (Original) A method as in claim 13 wherein the metal ion provided by the transition metal sulfate salt is selected from the group consisting of cobalt, iron, chromium, copper, manganese, nickel, uranium, lead, gold, molybdenum, silver, tin, vanadium, cesium, neodymium, and combinations thereof.

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)
